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## Digital age- The future of current generation

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### Abstract

It is years together, we are getting educated day-by-day. The process of just seating in classroom and learning will have end. There are so many ways & resources of education. In modern days, diversifying tools are at the top. The digitization is the exact solution if one wants to learn anything. So for simplicity of learning methods this technology is the best possible way. Great things are happened by technology. With it people not only cooperate but also communicate with each other. A modern classroom is basically an Information & Communication Technology based classroom. Such type of class room aims at replacing traditional classrooms into interactive based sessions by combining it with multimedia content. With this advancement Education sector will go on drastic change. This article tries to explore this theme and also aims at discusses how a digital classroom is basically an Information communication technology -based classroom solution, helping to replace traditional classrooms sessions into interactive based sessions.

**Keywords:** Digital Classroom, ICT, Education, Teacher, Student, Parents

### Introduction

Education is the means of drawing out the best in individual. It aims at all round development of the personality. With the education one can learn, understand, gains knowledge on variety of subjects. Education never stops. It is never ending process of human life. Now a days with the advancement in technology, our education system becomes technical, which in turn leads to make less use of pen and paper, it laid pressure on using computers. No doubt there are so many areas where technology has its impacts. Our classroom is one amongst those areas. This is the technical methodology which guided us in each and every field whether it is field of business, social life, travelling, entertainment, etc. our every part of life is being touched with this technology, It is technology which is now helping us in the way we do business, the way we are entertained, the way we socialize, the way we travel. We are living in 21<sup>st</sup> century and this century marks the advancement in technology which is taking over every niche and corner. This phase meant as the phase of radical development. Now a day's computers, laptops, Smartphone's are no more unfamiliar words. This generation remarks for providing best knowledge with bets understanding. As traditional methods of teaching does not cater to their needs. If we kept on teaching our children with traditional methods of teaching then it means we are depriving them from their tomorrow. So we are compelled to use digitization for improving quality in educational system. Hence Digitization is the term which involves new phase of learning with advanced techniques such as.

**1. Online Courses-** Digitization makes it easy to learn anything, anywhere. We do not need to attend classes. If one wants to learn a new language but he or she does not have the time to travel. They can achieve proficiency or can get the experience of real learning through online courses.

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**2. Online exams-** Digitization makes it convenient for students as well as to the teachers by introducing online exam. UGC is the best example for this. Online exams not only helps students to avoid using whitener on mistakes or getting results quicker but it also helps the teachers in preparing the results easily and quickly.

**3. Digital text books-** Digitization helps the individual to get knowledge of any kind of material through E content. Individuals can get easy access to any kind of content through it. The learning takes place through videos, hyperlinks, interactive sessions have long lasting effects on sharpens the memory of the students.

**4. Animation-** It helps the learner to learn in best possible manner through visual representation of topic. Visual representation of any content charges the senses of students and they can understand the content in an easiest way with more understanding. Even the toughest topic can also be made easy through animation.

**5. To gather students on the same platform-** digitization improves the quality of education. Individual may belong to any region, institute, and meet together. By replacing education into digitization, the use of E content, online courses, online exams are maintaining the standards of education.

**6. Pace learning-** Digitization helps every individual to learn at his own speed. It is only through digitization that the individual who are unable to go faraway places for studies can become literate through online courses. So it aims to increase the number of literate students or individuals.

**7. Administrative level-** With the spread of digital system in education, one not only get ease with online available content but it also influence the work at administrative level. When there was no digitization it was very difficult to keep safe not only the records of students, but also attendance records and roll number for so many years. But now technology made it all easy. Institutions now prefer to keep records in computers. Now days they are avoiding the old manual system of keeping and maintaining the records.

**8. Easy access-** It makes the education easily approachable to all individuals as it allows the students flexibility in learning times. They can continue their studies along with their other commitments.

**9. Helpful for teachers-** The task of teaching is based on the interaction between teacher and student. Teaching is not a one sided activity it needs the anticipation of students too. Visuals do an important role in making teaching learning process effective. Teachers while teaching should use the combination of traditional method and visuals as well to impart information it is the most effective way. visuals not only help the teachers to make his teaching effective but also helps the students to grasp or understand the matter in short span of time. Now days the place of chalk board is taken by smart boards. The ICT tools help the students to get real life experience and better understanding. This is the technology that helps the teacher to have better interaction with the students which would not have been possible otherwise.

**10. Benefits for learners-** learning through digital resources makes it easily graspable, interesting, understanding and enjoyable for the students of all the age levels. Their vision towards learning becomes positive and optimistic as well. The learning through audio video aids helps them to understand and retain even difficult concepts better. Such kind of retention becomes more powerful and interesting in theoretical subjects such as history, geography. The learning through digital media introduces new and innovative ways to learn. Digital media overcome the less interesting content of education. It has its connection with all possible content, educationists etc through which one can get knowledge from anywhere at any time. Instead of carrying heavy bag packs, students can carry laptops to their class rooms for easy access to content.

**11. Digital class rooms-** Digitization replaced the traditional classrooms sessions into interactive sessions. In a digital class rooms smart boards are installed with network connected to it. In digital classrooms, one can get easy access to content, better understanding, and solution to every aspect.

**12. Active learning-** where in traditional method student just listen to their teacher whether they understand the content or not but in digital class rooms student is totally opposite. Here students learn through visual aids, they become alert. The content provided through audio video aids has long lasting effect as compare to traditional method of teaching. Active learning is not mere attaching students with the content but its main focus is on building the mental set up of students. It is an active process mainly based on idea of getting knowledge and then fitting it into mental frameworks and then used it or transfers it to learn new things or situations.

**13. Helpful for parents-** knowledge of technology is the need of an hour. Earlier was the time when there was no competition. But now with the advancement every parent need that their child should be proficient in using computers. So that he/she can get extra knowledge with no extra efforts. Hence digitization ensures that no child is left behind. No doubt digitization has changed our society, our education system, but that does not mean that it has diminished the values of our traditional classroom learning. We also do not want to turn something priceless to turn into dust. The best part of digitization is the combination of online learning methods with the class room learning. These both methods go hand in hand with the students and also give strong hold to our modern students. To save resources such as paper, pencil, chalk board etc it is the best possible method of teaching. Online examination have also put full stop to the usage of papers that come via cutting the trees. Hence in 21<sup>st</sup> century digitization proves to be the boon to our society and ultimately to our nation.

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